

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062024\
 Data File : VW036189.D
 Acq On : 21 Jun 2024 02:21
 Operator : SY/MD
 Sample : P2962-21
 Misc : 3.33g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:16:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

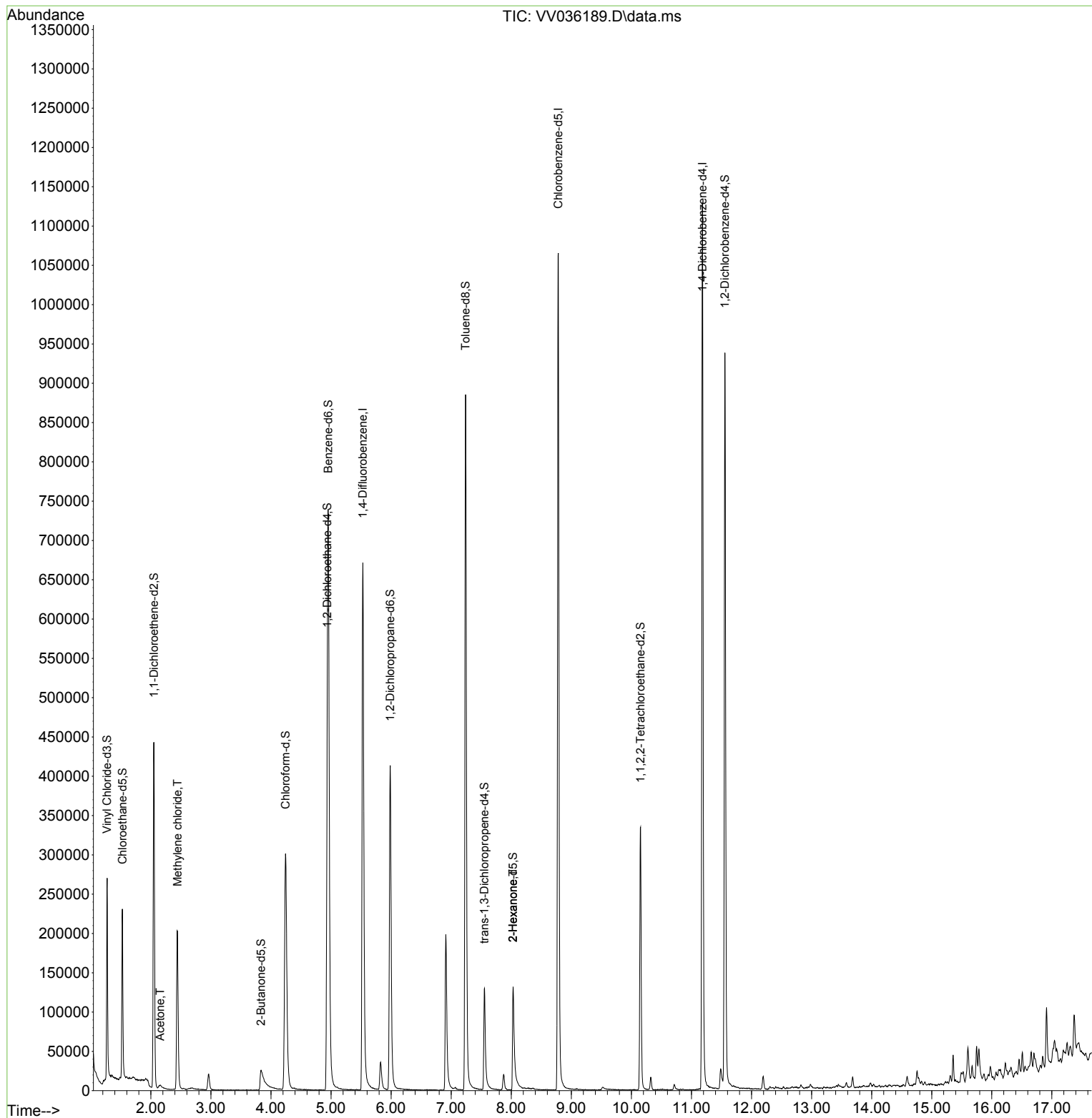
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	606328	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	615918	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	304039	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	174093	15.617	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.480%
7) Chloroethane-d5	1.526	69	148083	16.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.640%
11) 1,1-Dichloroethene-d2	2.050	65	75623	15.239	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.960%
21) 2-Butanone-d5	3.834	46	68539	26.798	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.600%
24) Chloroform-d	4.243	84	340446	17.661	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.640%
26) 1,2-Dichloroethane-d4	4.937	65	197570	19.548	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.200%
32) Benzene-d6	4.953	84	694449	18.968	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.880%
36) 1,2-Dichloropropane-d6	5.985	67	210190	18.231	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.920%
41) Toluene-d8	7.239	98	616308	19.079	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.320%
43) trans-1,3-Dichloroprop...	7.555	79	86482	18.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.160%
47) 2-Hexanone-d5	8.030	63	55870	35.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.540%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	165689	19.231	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.920%
66) 1,2-Dichlorobenzene-d4	11.558	152	248378	22.277	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.120%
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	8042	2.019	ug/L	86
16) Methylene chloride	2.442	84	95879	6.988	ug/L	92
48) 2-Hexanone	8.030	43	6114	1.361	ug/L #	70

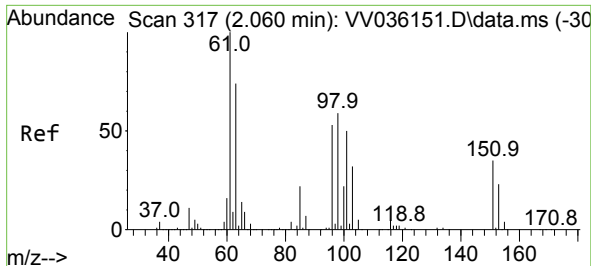
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.019 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.006 min

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Instrument :

MSVOA_V

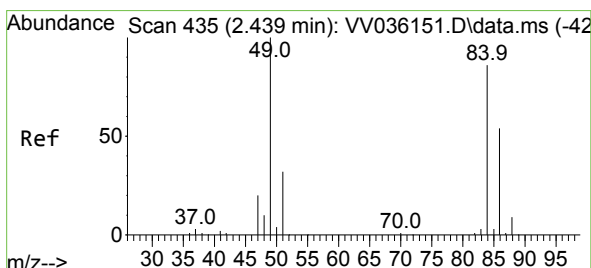
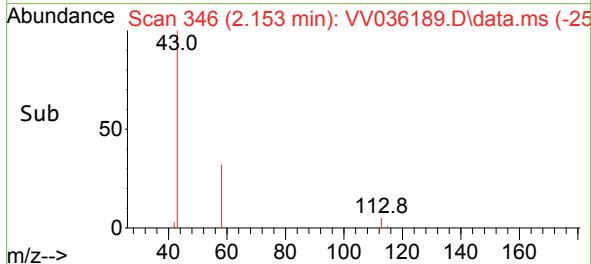
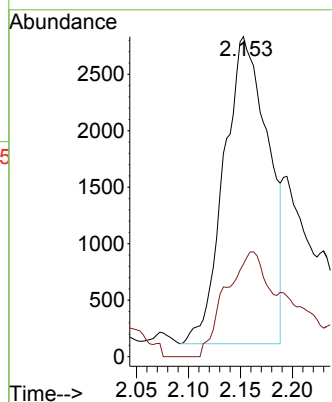
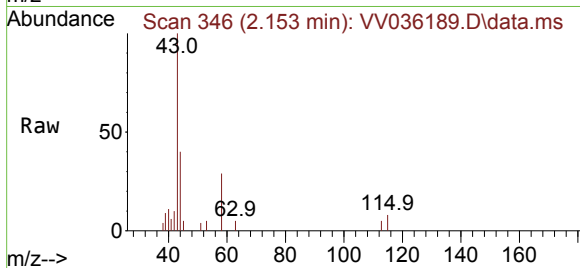
ClientSampleId :

Tgt Ion: 43 Resp: 8042

Ion Ratio Lower Upper

43 100

58 6.8 0.0 24.2



#16

Methylene chloride

Concen: 6.988 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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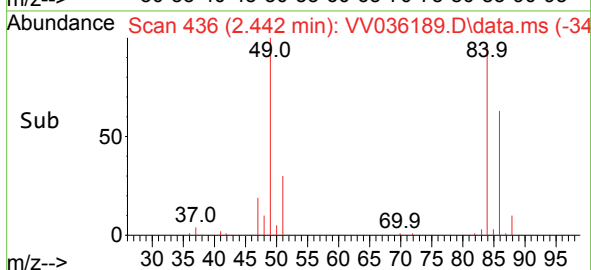
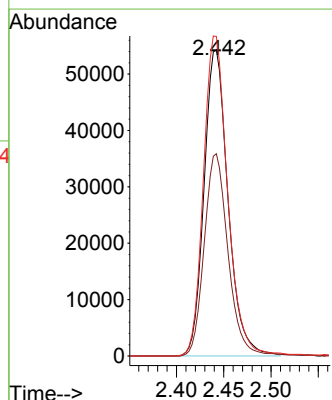
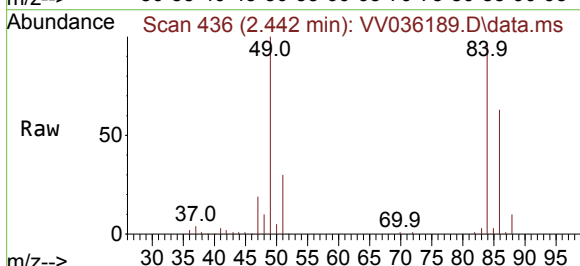
Tgt Ion: 84 Resp: 95879

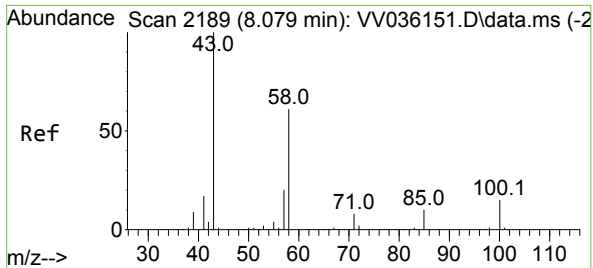
Ion Ratio Lower Upper

84 100

86 66.0 44.6 82.8

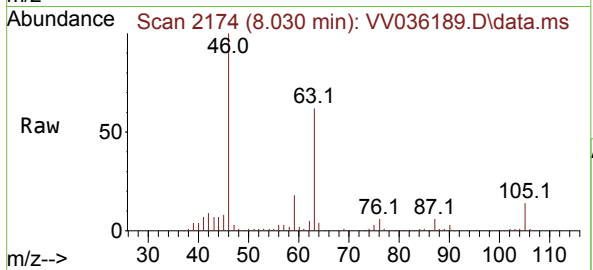
49 104.3 81.1 150.5





#48
 2-Hexanone
 Concen: 1.361 ug/L
 RT: 8.030 min Scan# 21
 Delta R.T. -0.048 min
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Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 6114
Ion Ratio	Lower Upper
43	100
58	35.8 45.4 68.0#
57	35.9 15.8 23.8#
100	1.0 9.8 14.8#

